

STEREO MOC Status Report
Time Period: 2007:267 - 2007:273

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 268 during the track with DSS-26, the SWAVES POC at APL was not able to receive telemetry packets. APL network personnel updated the firewall and SWAVES began receiving real-time telemetry. This problem was the result of an APL router change on August 29, 2007.
- On day 271 during the track with DSS-65, PLASTIC was unable to dial into the voice network. PLASTIC used a backup telephone for their commanding on this track. The dial in lines were down because APL phone maintenance personnel disconnected some analog lines assuming they were no longer in use.
- On day 272, due to the DAWN launch, there was 32 hours between the tracks on days 271 and 272 which left the SWAVES science partition 100% full on day 272 at 0140Z.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 6.5 Gbits during this week.
- On day 267, 268, and 271 PLASTIC loaded parts 1 of 4, 2 of 4, and 3 of 4, of their new table. Part 4 of 4 is scheduled to be loaded on day 277.
- On day 268, during the track with DSS-26, the 8th momentum dump on the Ahead spacecraft was successfully executed.
- On day 269, during the track with DSS-65, SWAVES successfully loaded flight software version 388.
- On day 270, during the track with DSS-65, SWAVES successfully re-booted their processor to begin running flight software version 388.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 270, the track was switched from DSS-63 to DSS-55 due to DSS-63 going red. The new track on DSS-55 was 30 minutes shorter, reducing the SSR playback time.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 6.7 Gbits during this week.
- On day 268, during the track with DSS-55, the 5th momentum dump on the Behind spacecraft was successfully executed.
- On day 269, during the track with DSS-55, SWAVES successfully loaded flight software version 388.
- On day 273 SECCHI experienced a reset at 12:11:38Z. SECCHI was notified but there was insufficient time for them to reconfigure. They are scheduled to reconfigure on day 274 during the track with DSS-65.